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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/802,218	03/17/2004	Tak-soo Kim	CU-3588 VE	3534

26530 7590 04/02/2007  
LADAS & PARRY LLP  
224 SOUTH MICHIGAN AVENUE  
SUITE 1600  
CHICAGO, IL 60604

EXAMINER
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SNIDER, THERESA T

ART UNIT	PAPER NUMBER
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1744

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/02/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

## Office Action Summary

Application No.

10/802,218

Applicant(s)

KIM, TAK-SOO

Examiner

Theresa T. Snider

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 12 January 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-2, 4-6 and 9-11 is/are rejected.
- 7) ☒ Claim(s) 3, 7 and 8 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948)                        | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
2. Claims 1-2, 4-6 and 9-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Albert et al.(6,820,305).

Albert et al. discloses a similar accessory assembly however fails to disclose the attachments formed integrally with the body.

Albert et al. discloses an accessory body (fig. 1, #5).

Albert et al. discloses a crevice attachment and an upholstery attachment integral with the body (fig. 1, #3,2). It would have been obvious to one of ordinary skill in the art to form the crevice and the upholstery attachment of Albert et al. integral with the body since it has been held forming in one piece an article which has formerly been formed in two pieces and put together involves only routine skill in the art.

Albert et al. discloses a dusting attachment movably disposed on the body (figs. 2-3, #4).

With respect to claim 2, Albert et al. discloses the body, crevice attachment and upholstery attachment in fluid communication with each other (fig. 1, #3,5,2).

With respect to claim 4, Albert et al. discloses the crevice attachment and upholstery attachment formed at opposite ends of the body (fig. 1, #3,2).

With respect to claim 5, Albert et al. discloses the crevice attachment having a suction port smaller in diameter than the body, the upholstery attachment having a widened

section larger than the body and the dusting attachment having brush bristles with ends (fig. 1, #3,5,2).

With respect to claim 6, Albert et al. discloses the body having a rail slot and the dusting attachment having a projection for sliding along the rails (figs. 4-5, #124).

With respect to claim 9, Albert et al. discloses the widened section provide with a floor brush (fig. 1, #16).

With respect to claim 10, Albert et al. discloses the crevice attachment having an inclined opening(fig. 1, #5). It would have been obvious to one of ordinary skill in the art to determine the most appropriate angle of the brush bristles in Albert et al. to allow for the most effective agitation of the desired surface.

With respect to claim 11, Albert et al. discloses the widened section is oppositely inclined to the opening of the crevice attachment (fig. 1, #5,11).

#### ***Allowable Subject Matter***

3. Claims 3 and 7-8 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

#### ***Response to Arguments***

4. Applicant's arguments filed 1/12/23007 have been fully considered but they are not persuasive against the argument against DE10108639(Albert et al.;6,820,305; US equivalent).

Applicant argues Hurd does not teach structures or devices that are formed integrally. Examiner agrees with this argument and believes it would not be obvious to form the pieces integrally because it would prevent the assembly from rotating about #12.

Applicant argues Pineschi does not teach structures or devices that are formed integrally. Examiner agrees with this argument and believes it would not be obvious to form the pieces integrally because it would prevent the upholstery attachment from being able to slide along the guides 8.

Applicant argues DE10108639/6,820,305(Albert et al.) does not teach structures or devices that are formed integrally. This argument is not found persuasive because it would have been obvious to one of ordinary skill in the art to form the crevice and the upholstery attachment of Albert et al. integral with the body since it has been held forming in one piece an article which has formerly been formed in two pieces and put together involves only routine skill in the art. There appears to be no underlying factors (for instance, the need to be able to slide) that would discourage one from forming the attachments integral in Albert et al.

### ***Conclusion***

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

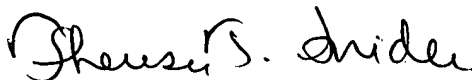
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will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Theresa T. Snider whose telephone number is (571) 272-1277. The examiner can normally be reached on Monday-Friday (5:30am-2:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gladys Corcoran can be reached on (571) 272-1214. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



**THERESA T. SNIDER  
PRIMARY EXAMINER**

Theresa T. Snider  
Primary Examiner  
Art Unit 1744

3/29/07